

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

3 AUGUST 1978



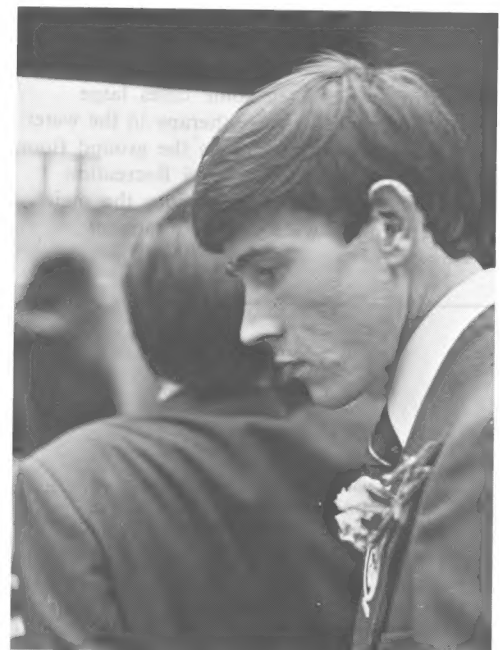
SPORTS MEDICINE AT THE COMMONWEALTH GAMES

Although sports medicine in one form or another has existed as long as athletes have been developing sprains, strains, and dislocations, formal organization of the practitioners of sports medicine in Canada has taken place only during the past decade. Dave Reid, Clinical Associate Professor in the Faculty of Rehabilitation Medicine, has been closely associated with the Sports Medicine Division of the Canadian Physiotherapists' Association during its formative years. A second, parallel organization, the Canadian Athletic Trainers' Association, grew up at about the same time. Only recently have the two groups come to work closely together to upgrade general medical care and therapy for amateur athletes, and to educate the people treating athletes, and to supply expert personnel for sporting events like the Commonwealth Games.

While aspects of sports science touch on sports medicine, the goals of sports science are founded in the improvement of performance. Sports medicine is concerned with the actual care and prevention of athletic injuries. In addition to specific applications of medicine, surgery, and physical therapy, it involves studies and development of safe equipment and playing areas. The concern of the practitioner of sports medicine is the long-term treatment of the athlete, according to Dr. Reid, and "returning the athlete to his sport at the earliest and safest time."

In sports medicine as in other varieties of medical practice, the role of the physician is to diagnose, refer, and administer drug therapy. The role of the physiotherapist is to physically treat injuries to the musculoskeletal system.

Because musculoskeletal injuries tend to



The official greetings, the flag raisings, and the private moments of preparation are now all complete: the XI Commonwealth Games begin today.

be the most common type of athletic injury, physical therapists are a most important part of the medical team for the Commonwealth Games. Dr. Reid, who is both a physical therapist and a physician, acts as the liaison between the physical therapy unit and the Medical Division for the Games. His colleague in the Faculty of Rehabilitation Medicine, Dave Magee, as Physiotherapy Site Coordinator, has had the task of organizing the professional staff and facilities in the Village Therapy Centre and at the various training and competition sites. Ray Kelly, Therapist in the Department of Athletic Services, is Physiotherapy Clinical Supervisor both for the Village Centre and for the outlying treatment sites. These three individuals are working with a team of physical therapists and Rehabilitation Medicine students, all with experience in sports medicine.

The work of the Village Therapy Centre divides itself into two broad categories: treatment of chronic or on-going injuries and treatment of new injuries. In the first instance the treatment is intended to minimize discomfort and prevent further injury, while permitting the athlete to continue to train and to compete. New injuries are diagnosed by a physician, who may refer his patient to the Therapy Centre for treatment, again with the goal of returning the athlete to training and competing in his sport as soon as possible.

The Village Therapy Centre has elaborate facilities to provide this treatment. Whirlpool baths are available, in some cases large enough to permit exercise therapy in the water. The weight training room on the ground floor of the Physical Education and Recreation Centre has been transformed into the main treatment room, with padded treatment

tables, ultra-sound equipment for treating small areas and breaking down scar tissue in muscles, short wave diathermy apparatus, to provide deep heating treatment to larger areas, a muscle stimulator, to contract muscles fully when an injury prevents the athlete from doing this himself. The Village Therapy Centre operates from 7:30 a.m. until 11 p.m. throughout the period of training and competition for the Commonwealth Games.

In addition to the therapists assigned to the Village Centre, physiotherapists are sent each day to the training and competition sites throughout Edmonton, where they will have rather less specialized facilities with which to work. Theirs will be the everyday tools of the physiotherapist (including the therapists at the Village Centre): ice and tape for acute injuries, support, stretching exercises, massage. When they are not directly treating competitors, they will be watching them, referring them to their team physicians if they suspect an injury and giving them advice about footwear and safety.

The services of the physical therapists associated with the Village Therapy Centre and with the medical facilities at the competition sites are provided by the Commonwealth Games Foundation for all Games participants, regardless of their countries of origin. Many of the national teams have their own medical staff, who may in fact refer injured team members to the Village Therapy Centre for treatment.

For the physical therapists working on the Commonwealth Games medical team, the Games will mean an opportunity to gain valuable experience in sports medicine.

For many of the competitors, the work of the physiotherapists will mean considerable relief of discomfort, more rapid healing of new injuries, and, most important, the chance to continue to compete in their sports in spite of physical injuries.

BOARD OF GOVERNORS BUILDING COMMITTEE

The regular meeting of the Board Building Committee was convened in University Hall on Tuesday, 18 July. The following topics were among those discussed.

John S. Sandercock Library

The Building Committee gave its approval to a proposal from the Department of Educational Foundations that 5-102 Education Centre North be named the John S. Sandercock Library. The most extensive and important research collection of those to be housed in the new library will be the collection of Alberta school textbooks that was donated by Mr. Sandercock, a former teacher and book collector. The Library has



In May, members of the Board Building Committee toured the Faculty of Dentistry and were given a synoptic view of the many valuable teaching, research, and service functions of the Faculty. In this photograph members of the Committee inspect the facilities in the Dental Auxiliary Utilization Clinic. This Clinic simulates in every detail what should be considered as the ideal in private practice.

undergone minor renovations and is now completely refurbished as the result of a generous grant from the Alma Mater Fund and a 3AU Matching Grant.

HUB South Entrance—Design Report

The Building Committee received, and approved for forwarding to the Board of Governors, a design report prepared by Patsula Architects Limited on the remodelling of the south entrance of the Housing Union Building (HUB). The entrance, much desired by the commercial occupants of HUB, will provide pedestrian access from the ground level to the Mall and will provide for the future connection between HUB and the Fine Arts Centre. According to G.A. Bulat, Director of Physical Plant, the new entrance will serve its function in an "aesthetically pleasing manner."

Rental Increase—North Garneau Housing Community

The Building Committee once again focussed its attention on the proposal of the Campus Development Committee (see *Folio*, 22 June) to increase rents in the North Garneau Housing Community. After some discussion, the Committee agreed to forward the proposal to the Board of Governors along

FOLIO

Inquiries concerning the placement of Notices and Advertisements in *Folio* and all other correspondence with the Editor should be addressed to:

Folio,
Office of Community Relations
423 Athabasca Hall,
University of Alberta
Edmonton, Alberta
T6G 2E8
Telephone number: 432-2325.

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with a recommendation for its approval at the next regular meeting of the Board on 4 August.

In essence, the Campus Development Committee's proposal provides for a variable increase in rents to a maximum of 8 percent. The increases, should they be ratified by the Board, will not become operative until December, 1978.

HAZEL MCINTYRE 1896-1978

Hazel McIntyre, Director of the School of Household Economics from 1956 to 1960, died in Edmonton last Tuesday, 25 July, at eighty-two years of age.

Miss McIntyre, a member of this University's fourth graduating class in Household Economics, received her Bachelor of Science degree here in 1924. She obtained a Master of Science degree at Iowa State University the following year and then returned to join the faculty of the School of Household Economics.

Miss McIntyre wrote several cookbooks, including the *Army Cook Book* (1940) and *Made to Measure*, an adaptation of old fashioned recipes to modern measurements and techniques, published following her retirement in 1960. The proceeds from the latter book Miss McIntyre donated to the Edmonton Home Economics Association to establish a scholarship for second-year Home Economics students at this University.

NOTICES

Notices must reach the Editor by 9 a.m. the Thursday prior to publication. Written notification is necessary

Queen to Visit Games Village

Her Majesty Queen Elizabeth II will visit the Games Village on 4 August. She is scheduled to arrive at the Lister Hall Complex at 11:15 a.m., and she will remain there until 2:30 p.m., touring the Village and attending a reception. Following her visit to the Village, she will make a short visit to the Badminton Venue in the Ice Arena.

Corrigendum

In the article on the Chairmen's Council in the 20 July issue of *Folio*, C.R. James, Chairman of the Department of Electrical Engineering, was erroneously omitted from the list of members of the Executive of the Chairmen's Council. In the same piece, the name of another member of the Executive, G. Marahrens of Germanic Languages, was

misspelled, and F.L. Jackson was listed as Chairman of Bacteriology rather than Medical Bacteriology.

NATO Conference on Intelligence and Learning

The NATO International Conference on Intelligence and Learning will take place from 16 to 20 July 1979 at York University, England. J.P. Das, Director of the Centre for the Study of Mental Retardation, will be Co-Director. The Conference will examine current approaches to intelligence and their implications for the understanding of developmental disabilities and cross-cultural variation.

Lectures, symposia, and papers will be presented on the following general topics: the nature of intelligence; Piagetian approaches; cognitive analyses; cross-cultural approaches; and implications for developmental disabilities. Papers on these topics are invited. Those persons who wish to participate in the presentations or who wish to attend the Conference as observers should write to Dr. Das for further information: Centre for the Study of Mental Retardation 6-123d Education North University of Alberta Edmonton, Alberta T6G 2G5.

Orientation Assistant Required

A student with a car is needed to assist the Office of Student Affairs with the International Student and Mature Student Orientations. The job will involve three busy weeks from 21 August to 6 September, during which time the hours of work will vary. Duties will include airport reception, briefing new students, and facilitating orientations. There is an honorarium of \$600. A résumé should be submitted to 225 Athabasca Hall by 14 August.

Interviewers Required

Starting in September, interviewers are needed for various University research projects operated through the Department of Sociology. Persons with a car and some experience in interviewing are preferred. For further information contact Cliff Kinzel, Population Research Laboratory, 1-62 Tory Building, telephone 432-4659.

Learning is Living

Twice yearly, the Faculty of Extension joins the twenty-five other members of the Edmonton Association for Continuing Education and Recreation (EACER) in publishing the "Learning is Living" supplement to the *Edmonton Journal*. This section of the paper contains the calendar of upcoming course offerings of many of the member organizations. The distribution of the information via daily newspaper brings it into the homes of more people than

could possibly be reached through direct mail: the supplement is at once a calendar and an advertisement.

The information is intended to lead interested adults directly to the source of the program in which their interest lies. The range of courses described in this publication bears out the theme stated in the title: "learning is living." Should an individual wish to obtain high school credits, embark on a course of study leading to a certificate in a particular field, or pursue a self-directed program to broaden personal or vocational horizons, the information he requires will be in the supplement. In addition to academic studies, many EACER members offer recreational programs in arts, crafts, and fitness at levels to accommodate both the beginner and those who are more advanced. The choices available to adult students in the Edmonton area are wider than most people expect.

The Learning is Living supplement is intended to provide a condensed source of information for browsing and to facilitate both contact with and enrolment by the public. Some programs are expanded upon in articles and photographs to provide background for those people who are interested but undecided.

The supplement will be in the 28 August issue of the *Journal*. Copies will also be available at all branches of the public library or from the Faculty of Extension in Corbett Hall.

Campus Singles Group

The campus Singles Group will be holding their second pool-side barbecue and wine and cheese party on Friday, 11 August, at 8 p.m. The Singles Group is a social organization for single, widowed, or divorced persons. Admission is \$5 per person. Those who wish to attend should contact Iris Brown, telephone 423-1040.

Parking Permits

Individuals holding parking permits are reminded that 1978-79 parking permits must be affixed to their vehicles effective 1 July. All expired permits should be removed when affixing new permits.

Dial-A-Dietitian

Dial-a-Dietitian is a public service carried out by the Alberta Registered Dietitians Association. The service allows individuals to call 454-2649, an answering service, and ask questions about nutrition, planning adequate meals, purchasing, storing, or handling of foods, food labelling and additives, preparing and cooking convenience foods, and similar topics. Within forty-eight hours a volunteer registered dietitian will call back with the researched answer to the question.



INUIT EXHIBITION NOW OPEN

The Clifford E. Lee Collection of Inuit Prints, a relatively recent addition to the University of Alberta's Permanent Collection, is receiving its initial exhibition on the second floor of Eaton's, 10220 101 Street, Edmonton. The sixty-one prints which depict Inuit games and contests will be displayed until 12 August as part of the cultural mosaic of the XI Commonwealth Games.

Funds to acquire the collection and publish a catalogue were donated to the University by the Clifford E. Lee Foundation, an Edmonton organization known for its support and encouragement of the arts in Alberta. The catalogue, entitled *Inuit Games and Contests*, is available at Eaton's, the University Art Gallery and Museum, and the University Bookstore. Published by University Collections, the seventy-six page catalogue contains forty color and nineteen black and white reproductions which are full-page in size.

George Swinton's introduction discusses the cultural significance of Inuit activities associated with games, personal and communal, reflective and competitive. The text offers a brief outline of the development of the Inuit print, biographies of the artists, and a selected bibliography.

The Clifford E. Lee Collection of Inuit Prints was originated by Erla and Norman Socha of the Inukshuk Galleries of Waterloo,

Ontario. It will be returned to the University Art Gallery and Museum at the conclusion of the exhibition.

COMMONWEALTH PRINT PORTFOLIO

The Commonwealth Print Portfolio, one of the major projects of Festival 78, was officially opened 21 July by University of Alberta Chancellor Jean Forest. In her remarks addressed to a special press opening at the Edmonton Art Gallery, Mrs. Forest expressed pride and pleasure with the portfolio, a collection of nine prints created by Commonwealth artists in cooperation with the Department of Art and Design of the University. Doug Haynes, Chairman of the Department, told the gathering that about one year was required to complete the portfolio and that the venture could not have achieved success without the enthusiastic support given it by the Commonwealth Games Foundation.

The Commonwealth Print Portfolio will be the government's official gift to the Queen. Sixty-five sets have been reproduced and one set will be given to the National Gallery or Museum of each country participating in the XI Commonwealth Games.

The portfolio exhibition continues to 30 August at the Edmonton Art Gallery, 2 Sir Winston Churchill Square.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. Thursday one week prior to publication. Written notification is preferred.

3 AUGUST, THURSDAY

Recital

8 p.m. Recital in Convocation Hall. Admission is free. For more information contact the Department of Music Office, 432-3263.

Centennial Library

12:00 noon and 2 p.m. "The Eyes Have It," part of Festival 78, features Canadian films chosen from the best NFB and CBC titles. Library Theatre. Admission is free.

Village Cinema

2 p.m. and 8 p.m. *The Last Tango In Paris* (Italy, 1972). Directed by Bernardo Bertolucci and starring Marlon Brando and Maria Schneider. Students' Union Theatre. Admission for the general public is \$2. Tickets available at the door.

7 p.m. *Hard Rider*, a one hour National Film Board Production, will be shown in the Students' Union Theatre.

4 AUGUST, FRIDAY

Faculty Club

Downstairs. Barbecue your own: salad bar, potato, vegetable, dessert wagon, steak \$6.50, chicken \$6.

Centennial Library

12:00 noon and 2 p.m. "The Eyes Have It," part of Festival 78, features Canadian films chosen from the best NFB and CBC titles. Library Theatre. Admission is free.

8 p.m. "Commonwealth Feature Films," part of Festival 78, will include a short film and a full length feature film from one of the Commonwealth countries. Library Theatre. Admission is free. For film information contact the National Film Board 425-7540.

Festival 78 "Concert Series"

The Family Brown will be performing at the Citadel Theatre. For ticket information and show times contact the Citadel Box Office, 425-1820.

Village Cinema

2 p.m. and 8 p.m. *The Goodbye Girl* (United States, 1977). Directed by Herbert Ross and starring Richard Dreyfuss and Marsha Mason. Students' Union Theatre. Admission for the general public is \$2. Tickets available at the door.

7 p.m. *The Living Arctic*, a one hour National Film Board Production, will be shown in the Students' Union Theatre.

5 AUGUST, SATURDAY

Faculty Club

Downstairs. Saturday buffet: beef brochette, potato, salad bar, vegetable, dessert table, \$5.50.

Upstairs. Chef's special: caesar salad, grilled salmon steak, potato, fresh vegetable, dessert wagon, \$7.95. Also regular dinner menu. Reservations required. Entertainment: The Committee.

Festival 78 "Concert Series"

André Gagnon and Tit Jean Carrignan will be performing at the Citadel Theatre. For ticket information and show times contact the Citadel Box Office, 425-1820.

Centennial Library

1:30 p.m. and 3 p.m. "Brandy Wine," together with Tigge-Anne Andersen, will present a program of stories, games and songs of the Commonwealth Countries. Music rooms.

Village Cinema

2 p.m. and 8 p.m. *The Shootist* (United States, 1976). Directed by Don Siegel and starring John Wayne and Lauren Bacall. Students' Union Theatre. Admission for the general public is \$2. Tickets available at the door. 7 p.m. *Coaches*, a one hour National Film Board Production, will be shown in the Students' Union Theatre.

Provincial Museum

2:30 p.m. Edmonton Youth Orcestra presents a free public performance of classical music.

6 AUGUST, SUNDAY

Centennial Library

1:30 p.m. and 3 p.m. Tigge-Anne Andersen will present a program of stories, games and songs of the Commonwealth Countries. Music rooms.

Village Cinema

2 p.m. and 8 p.m. *Taxi Driver* (United States, 1976). Directed by Martin Scorsese and starring Robert De Niro and Cybill Shepherd. Students' Union Theatre. Admission for general public is \$2. Tickets available at the door. 7 p.m. *Helicopter Canada*, a one hour National Film Board Production will be shown in the Students' Union Theatre.

7 AUGUST, MONDAY

Village Cinema

2 p.m. and 8 p.m. *The Longest Yard* (United States, 1974). Directed by Robert Aldrich and starring Burt Reynolds and Eddie Albert. Students' Union Theatre. Admission for general public is \$2. Tickets available at the door. 7 p.m. *Schefferville, 4th Arctic Winter Games: Joy of Effort*, a one hour National Film

Board production will be shown in the Students' Union Theatre.

8 AUGUST, TUESDAY

Centennial Library

12 noon. Lynne Bernard will present a program of stories, songs and games from the Commonwealth countries plus a puppet show or feature presentation. Admission is free.

12 noon and 2 p.m. "The Eyes Have It," part of Festival 78, features Canadian films chosen from the best NFB and CBC titles. Library Theatre. Admission is free.

8 p.m. "Commonwealth Feature Films," part of Festival 78, will include a short film and a full length feature film from one of the Commonwealth countries. Library Theatre. Admission is free. For film information contact the National Film Board, 425-7540.

Village Cinema

2 p.m. and 8 p.m. *Dog Day Afternoon* (United States, 1975). Directed by Sidney Lumet and starring Al Pacino and Chris Sarandon. Students' Union Theatre. Admission for general public is \$2. Tickets available at the door.

7 p.m. *Death of a Legend*, a one hour National Film Board Production will be shown in the Students' Union Theatre.

9 AUGUST, WEDNESDAY

Centennial Library

12:30 p.m. Guest artist, Patty Tutty, will be performing in the SUB main foyer. Free coffee will be available.

Centennial Library

12 noon. Mary Rendell will present a program of stories, songs, and games from the Commonwealth countries, plus a puppet show or feature presentation. Admission is free.

12 noon and 2 p.m. "The Eyes Have It," part of Festival 78, features Canadian films chosen from the best NFB and CBC titles. Library Theatre. Admission is free.

8 p.m. "Commonwealth Feature Films," part of Festival 78, will include a short film and a full length feature film from one of the Commonwealth countries. Library Theatre. Admission is free. For film information contact the National Film Board 425-7540.

Village Cinema

2 p.m. and 8 p.m. *The Man Who Skied Down Everest* (Japan, Canada, 1971). Directed by Budge Crawley. Documentary featuring skier Yuichiro Miura.

7 p.m. *Games of the 21st Olympiad* (Part I), a one hour National Film Board Production will be shown in the Students' Union Theatre.

10 AUGUST, THURSDAY

Centennial Library

12 noon. Pat Young will present a program of stories, songs, and games from the Commonwealth countries, plus a puppet show or feature presentation. Admission is free.

12 noon and 2 p.m. "The Eyes Have It," part of Festival 78, features Canadian films chosen from the best NFB and CBC titles. Library Theatre. Admission is free.

8 p.m. "Commonwealth Feature Films," part of Festival 78, will include a short film and a full length feature film from one of the Commonwealth countries. Library Theatre. Admission is free. For film information contact the National Film Board 425-7540.

Village Cinema

2 p.m. and 8 p.m. *Whiffs* (United States, 1975). Directed by Ted Post and starring Elliott Gould and Jennifer O'Neil. Students' Union Theatre. Admission for general public is \$2. Tickets available at the door.

7 p.m. Games of the 21st Olympiad (Part II), a one hour National Film Board Production will be shown in the Students' Union Theatre.

11 AUGUST, FRIDAY

Faculty Club

Downstairs. TGIF buffet: prime rib of beef, baked ham, potato, vegetable, salad bar, dessert table, \$5.50.

Upstairs. Chef's special: Mexican vegetable salad, chicken kiev, rice, fresh vegetable, dessert wagon, \$7.95. Also regular dinner menu. Reservations required.

Recital

8 p.m. Recital in Convocation Hall. Admission is free. For more information contact the Department of Music Office, 432-3263.

Festival 78 "Concert Series"

Closing performance starring Veronica Tennant of the National Ballet of Canada and a potpourri of Commonwealth talent. Citadel Theatre. Tickets available at the Citadel Box Office, 425-1820.

Provincial Museum

7:30 p.m. NORAD Band public performance

Village Cinema

2 p.m. and 8 p.m. *The Sorcerer* (United States, 1977). Directed by William Friedkin and starring Roy Schneider. Students' Union Theatre. Admission for general public is \$2. Tickets available at the door.

12 AUGUST, SATURDAY

Faculty Club

Downstairs. Saturday buffet: grilled lamb chops, rice, vegetable, salad bar, dessert table, \$5.50.

Upstairs. Chef's special: fish canapé, roast turkey breast with asparagus, noodles, dessert wagon, \$7.95. Also regular dinner menu. Reservations required.

Village Cinema

2 p.m. and 8 p.m. *Casanova* (Italy, 1976). Directed by Federico Fellini and starring Donald Sutherland and Tina Aumont. Students' Union Theatre. Admission for general public is \$2. Tickets available at the door.

7 p.m. *Sword of the Lord*, a one hour National Film Board Production will be shown in the Students' Union Theatre.

EXHIBITIONS AND PLAYS

Festival 78

To 8 August. The Alberta Art Foundation has assembled the "Alberta Art Foundation, 1978 . . . an exhibition to commemorate the 1978 Commonwealth Games." On display at the Jubilee Auditorium.

Continuing. "The Commonwealth Sculpture Symposium," an exhibition of wood and metal sculpture for the Commonwealth Games. Main quad on the University of Alberta campus and at the Fine Arts Building. *Continuing.* "The Fine Arts of Alberta Craft," an exhibition of contemporary craft assembled for the Commonwealth Games. Shotor Theatre. Lobby, Citadel Theatre.

Continuing. *Hard Hats and Stolen Hearts.* A lighthearted look at the history of Fort McMurray. Theatre 3. Tickets available at Theatre 3 and at the door. For information call 426-6870.

To 11 August. The Citadel-On-Wheels presents *Treasure Island* and *A Midsummer Night's Dream*. For further information and a schedule of the Wheels summer program telephone 428-3575.

Students' Union Art Gallery

Continuing. *Alberta: Self Portrait*, an exhibition of student paintings, print making, and drawings.

University Art Gallery and Museum

Continuing. An exhibition of Indian and Inuit artifacts and clothing from the Edwards and Lord Collections.

Provincial Museum

From 8 August. A historical display of most of the Commonwealth Games sports, wartime track and field meets, and Edmonton's lacrosse team of 1922. Archives Lobby.

From 12 August. "Man in his Environment," an exhibit circulated by the Smithsonian Institute in Washington, showing the interrelated problems which all human beings must face. Orientation Gallery.

From 12 August. "Canadian Nature Art '78," an exhibition of paintings from nature artists across Canada. Orientation Gallery.

Continuing. "The Art of the First Australians," aboriginal paintings, sculptures, and artifacts.

Continuing. "The Legacy: Contemporary British Columbia Indian Art," an exhibition of art and artifacts representative of the lifestyle and culture of the West Coast Indians.

Continuing. "Sports in Alberta," an exhibition featuring photographs and manuscript material from the Provincial Archives.

Edmonton Art Gallery

Continuing. "Modern Painting in Canada," examining the development of modernist painting in Canada from the early twentieth century to 1970.

Continuing. "The Commonwealth Print Portfolio." A selection of prints from Commonwealth artists and documentation on the print-making techniques used and on the artists involved.

Centennial Library

Continuing. "Sporting Life in Early Canada," an exhibition of twenty-five color prints on the sporting life of early Canadians. Foyer Gallery.

Continuing. "Craft Fair," an exhibition of Alberta crafts featuring batik, weaving, quilting, and macramé. Craft Fair Pavilion, Library Plaza.

Continuing. An exhibition of photography by David S. Scorgie. Photography Gallery. *From 3 August.* Noon hour storytelling programs for children. Downstairs in the Children's Library Theatre. Admission is free.

Devonian Botanic Garden

A collection of native and introduced plants used for teaching and research, located 9.7 km west on highway 16 and 14.5 km south on highway 60. Open from 1 p.m. to 6 p.m. daily. Many trees, shrubs, and perennials of interest.

Alberta Barter Theatre

Continuing. *Something's Afoot*. Directed by Keith Digby. Outdoors in the courtyard beside Corbett Hall at 9 p.m. For more information telephone 432-2495.

Parks and Recreation

Continuing. "Theatre in the Parks," a special programme of theatre through participation, is being held in playgrounds throughout the city. For further information and a schedule of the program, telephone 428-3575.

Special Collections

Continuing. "Canada Prairie Literature: Nineteenth Century Roots and Twentieth Century Growth." 037 Cameron Library.

Continuing. "The Tercentenary of John Bunyan's *Pilgrim's Progress*," 037 Cameron Library.

Cameron Library Foyer

Continuing. "Commonwealth Games Memorabilia."

RESEARCH GRANTS

Granting Agencies: Application Deadlines

This list of deadline dates for submissions to granting agencies for research funds, exchange programs, and travel grants is published every month in *Folio*. In order to allow sufficient time for processing, all applications should reach the Research Grants and Contracts Office at least ten days before the deadline date. Where other University resources are involved, the time requirement may be much longer than ten days and such applications should therefore be submitted well in advance. An extra copy of the application should be provided for the Research Grants and Contracts Office.

Further information may be obtained by consulting the *Calendar of Granting Agencies for Research Funds, Exchange Programs, and Travel Grants*, which is available in the offices of Deans, Directors of Institutes and Centres, and Department Chairmen, or by telephoning the Research Grants and Contracts Office, 432-5360. Note: Although the Calendar is updated on a continuous basis, the following information could be subject to change without notice. If staff members have advance information on forthcoming changes, the Research Grants and Contracts Office would appreciate being advised. Code: (R) Research funds; (E) Exchange programs; (T) Travel grants.

Calendar source number (20)	Code	Granting agency	Deadline date
	R	American Council of Learned Societies	Fellowships 30 Sept. 15 Nov. 1 Dec.
			Grants-in-Aid 17 Jan. 30 Sept. 15 Sept. 15 Mar.
(80)	R	Canadian Diabetic Association	30 Sept.
(213)	R	The Institute of Public Administration of Canada	30 Sept.
(255)	R	Medical Research Council	1 Sept. 15 Nov.
(285)	R	National Cystic Fibrosis Research Foundation	1 Sept.
(301)	E	Natural Sciences and Engineering Research Council Canada—Exchanges of scientists between Canada and Brazil, Czechoslovakia, France, Japan and The Union of Soviet Socialist Republics	30 Sept.
(320)	R	North Atlantic Treaty Organization	15 Sept. 15 Jan. 30 Apr.

SURPLUS EQUIPMENT LISTING

The equipment listed below has been declared surplus. For further information about the purchase of this equipment or the disposal of any of your department's surplus equipment consult Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

IBM 1800 System.

For further information, please contact G. Fisher, Chemical Engineering, telephone 432-3301.

SCM Marchant mechanical electric calculator

Friden SUJ mechanical electric calculator

Computer Digital PDP 8/S coupled with Teletype

ASR 33TU

For further information, please contact D.C. Wighton, Genetics, 432-3606.

POSITIONS VACANT

Non-Academic Positions

Secretary II

\$11,928 - \$12,816 per annum

Required immediately to work for the Director of Nursing. Various duties include working with medical and nursing personnel. Excellent fringe benefits include three weeks vacation after one year.

Qualifications: typing of no less than 60 wpm, dictaphone and medical terminology required, and previous experience preferred.

Secretary II

\$11,928 - \$12,816 per annum

Required in September to work directly for the Medical Oncologist in charge of Chemotherapy. Duties include typing all correspondence, patient information, protocols, scientific papers, booking of appointments, and related secretarial duties.

Qualifications: typing of no less than 60 wmp, dictaphone, and medical terminology knowledge; previous experience preferred.

Technician II

Research technician required immediately to assist Chief Radiobiologist in various research projects. BSc or technical certificate in field of cell biology, microbiology or biochemistry is required. Laboratory experience with tissue culture techniques and small animals is required.

For these positions, apply to:

Personnel Department
Cross Cancer Institute
11560 University Avenue
Edmonton
T6G 1Z2
Telephone 432-8587

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 28 July.

Clerk Typist I (\$695-\$748)—Zoology

Clerk Typist II (\$695-\$803)—University Health

Services; Office of Administrative Systems

Office Services File Clerk (\$695-\$803)—Office of the Registrar (two positions)

Accounts Clerk I (\$695-\$830)—Office of the Comptroller

Clerk Steno II (\$695-\$830)—Animal Science; Faculty of Extension

Timetabling Scheduling Clerk (\$748-\$895)—Office of the Registrar

Dental Records Clerk (\$748-\$895, term)—Dentistry

Clerk Typist III (\$748-\$895)—Pharmacy; Office of the Registrar; Art and Design

Purchasing Clerk II (\$772-\$929)—Physical Plant

Bookkeeper II (\$386-\$465, half-time)—Home Economics

Clerk Steno III (\$386-\$465, half-time)—Pathology

Clerk Steno III (\$772-\$929)—Civil Engineering; Psychology (two positions); Mineral Engineering; Industrial and Vocational Education; Provincial Laboratory; Library Science

Data Entry Operator I (\$772-\$1,009)—Computing Services; Rural Economy

Data Entry Operator I/II (\$772-\$1,009)—Printing Services (two positions)

Programmable Typewriter Operator II (\$803-\$969)—Personnel Services and Staff Relations; Technical Services, Graphics

Admission Records Trainee (\$803-\$969)—Office of the Registrar

Medical Stenographer (\$830-\$1,009)—Surgery

Secretary (\$863-\$1,053)—Devonian Botanic Gardens;

Canadian Institute of Ukrainian Studies; Mathematics

Library Assistant II (\$895-\$1,096)—Music; University Archives

Administrative Clerk (\$895-\$1,096)—Student Awards Departmental Secretary (\$969-\$1,192)—Dean of Education; Anatomy

Accounts Clerk III (\$1,009-\$1,243)—Office of the Comptroller

Computer Assistant I (\$695-\$830)—Computing Services (two positions)

Research Assistant (\$695-\$830, trust)—Physics

Laboratory Assistant II (\$721-\$863)—Provincial Laboratory (two positions)

Laboratory Assistant III (\$803-\$969)—Anatomy (two positions)

Building Services Worker II (\$803-\$969)—Housing and Food Services, HUB

Storeman II (\$863-\$1,053, term)—Chemistry

Public Relations/Publications Assistant I/II (\$863-\$1,243)—Computing Services

Electron Microscope Technician I (\$895-\$1,096, trust, term)—Medicine, Neurology

Chemical Technician I (\$895-\$1,096, trust, term)—Chemistry

Chemical Technician I (\$895-\$1,096)—Soil Science Technician I (\$895-\$1,096, trust)—Medicine, Rheumatic Diseases

Technician I (\$895-\$1,096)—Mechanical Engineering Curriculum Technician I (\$895-\$1,096)—Audiovisual Media Centre

Technician I/II (\$895-\$1,243)—Provincial Laboratory Graphics Technician I/II (\$895-\$1,243)—Technical Services, Graphics

Biochemistry Technician I/Technologist I (\$895-\$1,243, trust, term)—Microbiology

Maintenance Man II (\$969-\$1,192)—Housing and Food Services

Audio Visual Technician II (\$1,009-\$1,243)—Office of the Registrar

Electron Microscope Technician II (\$1,009-\$1,243, trust)—Anatomy

Art Technician Demonstrator I (\$1,096-\$1,354)—Art and Design

Maintenance Worker II Charge Hand (\$1,192-\$1,476)—Physical Plant, Projects Division

Engineering Technologist III (\$1,243-\$1,543)—Physical Plant, Engineering

Dental Technician III (\$1,298-\$1,611)—Dental Clinical Sciences

Graphics Supervisor (\$1,543-\$1,923)—Technical Services, Graphics

Operations Manager (\$1,759-\$2,201)—Physical Plant

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in 516 Cameron Library, should be consulted for further information about position requirements and availability.

Clerk Steno III (\$772-\$929)—Bibliographic Verification

Library Clerk III (\$748-\$895)—Education Library

Library Assistant I (\$803-\$969)—Government

Publications

ADVERTISEMENTS

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance

and are accepted at the discretion of the Editor.

We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-2325.

Accommodations available

For sale by owner—1,756-square-foot home in executive Blue Quill. Fully carpeted, four-bedroom split level home includes 2½ baths, main-floor family room with tyndalstone fireplace and patio doors, bright, airy kitchen, spacious living and dining room, and impressive entrance foyer. This beautiful home also has a double garage and is located on a large landscaped lot. Telephone 436-3617 or 425-0110, extension 205.

For rent—for one year from September: new

St. Albert executive home; four bedrooms, family room, double garage. Furnished or unfurnished. 458-7851, evenings or weekends.

Ideal, quiet home for student with own transportation. Must love cats. Telephone Joan, 427-2901; 451-3384.

Renting—Belgravia: four-bedroom house; two-car garage, breezway, two fireplaces, beautifully furnished, two bathrooms, study, family room, large kitchen, dining room, living room, playroom, five appliances, wine cellar, mature trees, private patio, lawn mower, bicycles. 4½ minutes University; 14 minutes downtown. Available one year, September 1978. For appointment telephone 434-9784. No agents.

Exchange for Ottawa house near downtown or Ottawa University (or rent \$500 monthly)

1 September 1978 - 1 May 1979. Two storey, 1,400 square feet, 2 - 3 bedrooms, all appliances, furnished, garage, quiet street, large trees. Block from University. 10939 89 Avenue. 432-0780.

For rent—September 1978 to August 1979. Mill Woods. Three-bedroom bungalow, sunken living room with fireplace; double garage pad, patio; four major appliances. Partly furnished; 1,200 square feet with separate dining room; carpeted throughout. \$500 monthly. References. 462-2007 after six.

For sale by owner—East Edmonton. Three-bedroom condominium; five major appliances, two carports; near bus, mall, school. Abbottsfield Road. Asking \$48,900. Telephone 479-1056 after 6 p.m.

For sale—choice west end location: large open-beam bungalow; three bedrooms, three baths, two fireplaces. Resi Richter, 455-4135; 483-9432. Weber Bros.

Renting—three furnished rooms, two blocks from campus. All home comforts. Couples or singles. Non-smokers. Janet, 439-3044; 5 - 11 p.m. and weekends.

For rent—three-bedroom condominium, Mill Woods; 1½ baths. Twenty minutes to University. \$400. Telephone 462-0645.

For sale—Valleyview. Enjoy the feeling of spaciousness in this executive two-storey. Resi Richter, 483-9432; 455-4135. Weber Bros.

Will trade five-acre Vancouver area lot for parcel of similar value in west Edmonton region. Lot is in Belcarra Park area, two miles north of Simon Fraser University, overlooking Bedwell Bay. Or will sell. Asking \$75,000; terms available. Telephone 487-3310 after 4 p.m., weekdays or weekends.

For sale by owner—Belgravia 3-bedroom home; very well-kept, unique interior—bright and modern; backyard has a water lily pond and many beautiful mature trees. \$74,900. 11522 71 Avenue. Viewing by appointment only. Telephone 435-6164.

For rent—room in large house near University; all amenities. Telephone Scott, 432-5794 (office); 434-5175 (residence).

Offers—Windsor Park. Must be sold now. Half block University; finely crafted, from unique

cherrywood floors to French doors, and central air conditioning. Library. Gracious plan. To view 439-3725. Under \$135,000.

Lease—1 September - 31 August 1979: 1,500-square-foot furnished Cee-Der-Log on 3-acres overlooking river. University, 25- 30-minute drive. School bus, paid gardener. 487-1842.

For sale by owner—Belgravia 4-bedroom semi-bungalow, carpeted throughout, rumpus room. \$86,000. 436-1379.

For sale—Pleasantview. Offers to \$76,900. Immaculate 2-bedroom bungalow on quiet crescent, lot 55 x 134 with mature landscaping, newly painted. Clear title. Immediate possession. Latitude 53 Realty. Elizabeth, 426-5693.

For rent—1,250-square-foot house. Ekota. 3 bedrooms, fireplace up and down, 2 appliances, large lot, fenced, quiet crescent. \$550; long-term lease available. 477-5618 after 5.

For rent—Sherwood Park. 4-bedroom 2-storey, drapes, appliances, 1,550 square feet, excellent condition, beautiful landscaping. No pets, smokers. \$600 monthly. 439-3853.

For rent—15 September 1978 - 31 August 1979. Furnished 3-bedroom house, 1½ baths, finished basement, double garage. Northwest Edmonton. \$650. References, damage deposit. 432-3518, days.

For rent—1 September to 30 April: modern 4-bedroom house, 3 bathrooms, study, garage, wooded acreage, 35 minutes to University: \$550 monthly plus utilities. No pets. Non-smokers. References please. Telephone 987-3182 or 432-3564.

For sale by owner—Glenora 3-bedroom, 2,000 square-foot semi-bungalow on ravine lot. \$112,300. 452-9039.

For rent—deluxe 3-bedroom townhouse, St. Albert. \$465 monthly, \$250 damage deposit. Available 20 August. Reasonable offers considered. 458-4707.

For rent—3-bedroom furnished home. 15 September to 30 April. Reasonable rent to excellent tenants. 467-3568.

For rent—three blocks from University: newly decorated 1-bedroom basement suite; large bright rooms, fully furnished, use of washer, dryer, and garage. \$250 per month. 15 August possession. Telephone 483-5029.

For rent—well-maintained upstairs bungalow near University; semi-furnished. \$380 plus utilities. Available 1 September. 488-0716 between 5:30 - 7 p.m.

Accommodation wanted

Executive and family (no pets) require 3- to 4-bedroom furnished house near University, 15 August - 15 October. Telephone Richard Parr, 423-3533, days.

Scots postgraduate student, Canadian wife, need to rent small unfurnished apartment, University area. From late August, or would house-sit. References. Telephone collect (604) 353-2603.

Visiting Australian family requires house for the period 1 September 1978 - 31 August 1979. An exchange of home with anyone wishing to spend a year in Melbourne can be arranged. 434-4752.

Graduate student (Business) from Ontario requires modest accommodation for 1978/79 term. Self-contained preferred. Telephone Mr. Kuhnke (Industry, Trade and Commerce) 425-6330.

Gallery curator requires furnished apartment or house from August until December 1978. Telephone Mrs. Brown, 429-6781, days or 439-5054, evenings.

Automobiles and accessories

1969 Porsche 912. Leaving country. \$5,700. 434-9784 for appointment.

1977 Datsun B210. Premium. 433-9911.

1974 Renault 5. Good condition, 42,000 miles. Offers. 432-3261, days.

1976 Honda CVCC; 17,000 miles, mags, radials, AM/FM cassette, CB, console, louvers. 439-9972; 435-1844.

Wanted—new owner for Rocky the 1970 V8 Mustang. Battered body needs work to get in shape, but inside gutsy as ever. Could still be contender. \$1,000. 435-5415.

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Goods and services

Text processing consulting, especially computer typesetting using MTS/TEXTFORM. Telephone Vic Yanda, 487-3310 after 3 p.m. weekdays.

Mountain wilderness holiday at the Black Cat Ranch near Jasper. Two-day weekend, \$50, including meals and room. Write: c/o PB Guest Ranch Ltd., Box 542, Hinton, Alberta, T0E 1B0, or telephone 452-0710.

Do you want to start a publishing business? Printing press for sale, rent, or for use in business for share of revenue: A.B. Dick model 360 press, and also model 1100 platemaker; three years old, but only used eight months. Telephone 487-3310 after 4 p.m. weekdays, or weekends.

For sale—wrought iron railings, aluminum storm door and window, artificial fireplace, electric stove. 432-5603 or 454-8096.

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Experienced typist. Variety of type styles, symbols. Quality work. 435-4407; 435-5006.

Seabri Sailboats—Seaspray (15-foot catamaran) and Kolibri (12-foot monohull). 11408 58 Avenue. 434-3309.

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Antiques from England. Furniture—all periods: tables, chairs, sideboards, cabinets, stools. Porcelain: Derby, Doulton, Wedgwood, Dresden, Oriental, Art Nouveau, art deco, commemoratives, cloisonné, dolls, clocks, jewellery, gifts, collectables. We also buy these items. Mary Goulden Antiques. From 137 Avenue and 50 Street, drive five miles northeast, then 1½ miles east to Horsehill Hall. 1 - 8 p.m., Thursday, Friday, Saturday, Sunday. 973-3656 or 475-8139.

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